



MARSHALL STAR

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June 24, 2004

Space Commission lists recommendations for NASA

from NASA Headquarters

The President's Commission on Implementation of U.S. Space Exploration Policy released its 60-page report June 16 outlining recommendations that support the Vision for Space Exploration. Here are those recommendations:

- The effort must be managed as a national priority. The committee suggests the Vice President serve as chair of the steering committee.
- The private sector should serve a larger role. NASA manages higher risk projects. The private sector handles more operational aspects.
- Create incentives of development of robust space industry. Develop an architecture that can sustain the Vision over decades.
- Accomplish low Earth orbit activity through private sector.
- Support "Go As You Can Pay" method of funding. This allows affordability over the long haul.
- International participation is key. Department of Defense has a model that forms basis for consideration - the Strike Fighter Program. It could be applicable to the success of the Vision.

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Marshall Center team member Kathy Nabors asks a question from Morris Auditorium during the NASA Update as Administrator Sean O'Keefe and Pete Aldridge Jr., discuss the President's Commission on Implementation of U.S. Space Exploration Policy report. Aldridge chairs that committee.

O'Keefe commends Commission's work

NASA Administrator Sean O'Keefe released this statement regarding the report from the President's Commission on Implementation of U.S. Space Exploration Policy:

"I want to express my sincere appreciation to chairman Pete Aldridge and the commissioners for their thoughtful efforts and dedication in developing recommendations for advancing our nation's new Vision for Space Exploration.

"In January, President George W. Bush charted a bold, new course for the future. In

See O'Keefe on page 2

Security training building opens

From left, David Saleeba, assistant administrator for the Office of Security Management and Safeguards; David King, Marshall Center director; and Owen Johnson, manager of the Protective Services Department, cut a ribbon June 17, to officially open the Marshall Security Training Facility, Bldg. 4608, on Centaur Road.



Remain steadfast during Marshall's changes, challenges

We are undergoing a transformation unlike anything in recent memory, and now more than ever a spirit of steadfastness is essential.

As the months ahead unfold, we may at times feel anxious about the changes and challenges around the corner. However, I want to assure you that the Center leadership has been engaged in a strategic assessment of our capabilities, and has been instituting more robust business systems and processes in order to move Marshall into a new age of exploration. Many things will be given careful consideration, the most obvious being the recent report released by the President's Commission. Thoughtful evaluation will be given to their recommendations, and many discussions and healthy debates will take place.

The Vision for Space Exploration is bold, fresh, and exciting, and we embrace it. Many have eagerly awaited decades for an initiative to go beyond low-Earth orbit, and it is here. It is important that we take full advantage of what

Director's Corner



David King
Marshall Center Director

is before us, because this opportunity will allow us to tap into the excellent technical and managerial capabilities that Marshall has to offer. Good business and technical decisions will create the opportunities and the innovative technologies that will allow us to help the Agency realize the Vision.

The Agency leadership is charting an exciting course for the future. Our talented Marshall Team must sustain our commitment to the pursuit of excellence so that we deliver quality in every product and service to every customer. I want to encourage you to remain steadfast, and most importantly, I want to encourage you to never lose the true meaning of what the future is all about – the opportunity to explore and discover.

“Retain faith that you will prevail in the end, regardless of the difficulties. And at the same time, confront the most brutal facts of your current reality, whatever they might be.”

--The Stockdale Paradox

Report

Continued from page 1

- NASA centers should become federally funded research and development centers. The concept provides flexibility to build technology base independently, but still be available to NASA. Look to the future to develop the skill mix that provides the flexibility to make the Vision successful.

- Education is one of great importance. Work across the Agency and industry and professional organizations to better integrate all these activities. Put the right priorities on the technical teacher aspect of educational initiatives.

- Develop a “Virtual Space Academy” to grow students already in technical fields and train them into the space-unique aspects of what NASA and the university systems conduct.

- Form a “Space Steering Committee” possibly chaired by the Vice President to oversee the effort.

To view the full report, go to www.nasa.gov/newvision

O’Keefe

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his historic address, the President charged us to open new frontiers, seek new discoveries and prepare for new journeys to worlds beyond our own.

“The recommendations released today by the commission will influence our work for years to come and will help guide us through a transformation of NASA.

The specific details of this transformation will be announced in the days and weeks ahead and will be reflected by foundational changes in our organization and the way we do business.

“Transformation is essential if we’re going to position ourselves to meet the requirements of this initiative. In the end, we’ll be in a better position to expand human knowledge, revolutionize our understanding of the Universe and

produce the technological advances that benefit everyone on Earth. The investments made in exploration lead to innovations that make our industrial and personal technology safer, faster, more affordable, more effective and easier to use.

“The commission’s recommendations for this nation’s new Vision for Space Exploration will help propel us into a

“The Commission’s report makes clear that this Vision, which I announced in January, is a sustainable and affordable, long-term human and robotic program to explore space.”

--President George W. Bush

prosperous, secure and bright future.

“While we have indeed accomplished a great deal in NASA’s 45-year history, in many ways we are at the beginning of the age of space exploration. We now have the foundation on which NASA can build a vibrant, safe and sustainable journey.”

**--Sean O’Keefe
NASA Administrator**



Attending the awards ceremony were, from left, Bryan O'Conner, associate administrator for the Office of Safety and Mission Assurance; Timothy R. Jett, a Marshall engineer; Eileen Collins, commander of STS-114; and Charles Camarda, mission specialist on STS-114.

Marshall team member wins first NESC award

The first NASA Engineering and Safety Center (NESC) awards were presented to NASA employees representing four NASA Centers at the NESC Leadership Briefing May 12.

Four award categories have been established to recognize individual employees for "outstanding contributions to NESC's sponsored activities and to encourage critical examination of engineering problems."

The NESC Engineering Excellence Award was presented to Timothy R. Jett, of the Marshall Center, for extraordinary leadership that contributed to engineering excellence in support of the Rudder and Speed Brake Independent Assessment Team.

NASA competition issue for One NASA group

from the One NASA Implementation Team

Many NASA employees identified the use of competition at NASA as a barrier to collaboration and information sharing. Their feedback, during a NASA survey, led to the creation of One NASA Action 1c/1d: Program Priorities and Resources/Selecting Competing Projects.

NASA is faced with the issue of competition on a daily basis as it seeks to balance the benefits of surfacing the best ideas and obtaining best value with the potentially adverse effects of hoarding knowledge, duplicating capabilities, inadequately maintaining critical infrastructure, and building organizational stovepipes. To address this issue, a Competition Working Group (CWG) has been created to focus on how competition is used at NASA.

"We are seeking to get a better understanding of the costs and

benefits of internal competition so that our Agency can best use it in a judicious manner," said Steve Pearson, member of the One NASA Implementation Team and leader of the Competition Working Group. As an Agency, NASA must find the optimal balance between competition and cooperation, Pearson said. This is a challenging task. Team members must compete for project funding and the use of various Agency resources, yet simultaneously promote cross-center teamwork.

The Competition Working Group will make recommendations and participate in the implementation of changes to current competitive practices that are assessed as unhealthy to One NASA principles. The participants identified three competitive environments for detailed study: science and technology, programs and projects, and institutional investments. Each competitive environment was assigned to a specific sub-team that will submit initial findings and draft recommendations by the end of June 2004. Those recommendations will then be discussed with senior Agency leadership.

If you would like to send input to the CWG, please send them to OneNASAcomments@nasa.gov.

Science Matters

Scott Gilley, an engineer with Systems Development and Operations Support, describes the SD40 In Situ Fabrication and Repair Solid Freeform Fabrication mock-up to Mary E. Kicza, associate administrator for Biological and Physical Research. Kicza visited several science laboratories during her recent two-day visit to the Marshall Center.



Photo by Emmett Given, NASA/Marshall Center

Obituaries

Clarence Cornelius Adams Jr., 74, of Huntsville died June 17, 2004. Mr. Adams retired from the Marshall Center in 1994 as an aerospace engineer. He was also a U.S. Air Force veteran and Auburn University graduate.

Survivors include several cousins and friends.

Mildred Burden Bobo, 83, of Huntsville, died June 5, 2004. Mrs. Bobo retired from the Marshall Center in 1978 as a traffic manager. She was one of the Committee of 100, the team hired to form the Marshall Space Flight Center in Huntsville.

Mrs. Bobo was active in the First Baptist Church in Huntsville where she served in various capacities, including as lead writer and co-author of "First Baptist Church, Huntsville, The First 175 Years."

Survivors include her husband, Archie C. Bobo of Huntsville; a brother, Ganes Burden of Somerville; and a sister, Dr. Nell Skidmore of Union Grove.

Friedrich "Fritz" W. Brandner, 84, died May 30, 2004, in Wagrain, Austria. Mr. Brandner retired from the Marshall Center in 1974 as an aerospace technology manager. He worked with Dr. Wernher von Braun in Germany and at Marshall where he helped develop the Saturn V moon rocket's guidance and control instrument unit. He also worked on the Lunar Rover, Skylab and the Hubble Space Telescope.

After retirement, Mr. Brandner and his wife, Annemarie, owned and operated a small bed and breakfast in Wagrain, Austria.

Survivors include two sons, Walter Brandner and Wolfgang Brandner of Olathe, Kansas; and three grandchildren.

Richard G. Clem, 79, of Athens, died May 16, 2004. Mr. Clem retired from the Marshall Center in 1981 as a program analyst.

Survivors include his wife, Rachel Clem of Athens.

Dr. Rudolf Decher, 76, of Huntsville, died April 25, 2004. Dr. Decher retired from the Marshall Center in 1994 as an astrophysicist supervisor. A native of Germany, he came to Huntsville in 1959 where he joined NASA and worked on the Apollo moon rocket and various space science projects, including Gravity Probe B.

Survivors include a son, Peter Decher; a daughter, Marianne Watson; and a granddaughter, Teresa Decher.

Johnny Boyd Farner, 72, of Huntsville, died June 7, 2004. Mr. Farner retired from the Marshall Center in 1989 as a microelectronics technician. He began work for NASA in 1960 and also served in the U.S. Army.

Survivors include his wife, Mildred Davis Farner; two daughters, Gail Smitherman of Huntsville and Rhonda Bolick of Nashville; four grandchildren; and several brothers and sisters who live in the Appalachian Mountain Region.

Walter O'Neal Frost, 76, of Huntsville, died June 15, 2004. Mr. Frost retired from the Marshall Center in 1985 as a technical manager. He also served in the U.S. Navy.

Survivors include his wife, Delores Frost of Huntsville; a daughter, Jerri Frost of Haleyville; three sons, Danny Frost of Florence, Larry D. Frost and Wally Frost, both of Huntsville.

James Owen Rickard, 80, of Madison, died April 17, 2004. He retired from the Marshall Center in 1979 as an accountant. A veteran of the U.S. Navy, he served during World War II.

Survivors include his wife Terrell Ezzell Rikard of Madison; a son, Bob Rikard of Toney; and one granddaughter, Jessica Terrell Rickard of Toney.

Update: NASA Changes

In response to the findings and recommendations of the President's Commission on Implementation of U.S. Space Exploration Policy, NASA Administrator Sean O'Keefe is holding a NASA Update 10 a.m. Thursday. O'Keefe will discuss the changes NASA must undergo in its efforts to return to flight. Marshall Center employees may watch the live broadcast in Morris Auditorium and ask questions once O'Keefe concludes his remarks. The *Marshall Star* will have complete details of the transformation in next week's issue.

Job Announcements

MS04S0132, Senior Executive Service, Deputy Director, Safety and Mission Assurance Directorate. ES-0861-00 (promotion potential to ES-00). Closes June 28. Contact: Diedra Williams at 544-5721.

MS04C0149, Safety and Occupational Health Specialist, GS-0018-12, Safety and Mission Assurance Directorate. Closes June 24. Contact: Rita Evans-McCoy at 544-7507.

MS04C0150, AST, Facility Systems Safety, GS-0801-14, Safety and Mission Assurance Directorate, Industrial Safety Department. Closes June 24. Contact: Rita Evans-McCoy at 544-7507.

MS04C0151, AST, Liquid Propulsion Systems, GS-0861-14, Space Transportation Directorate. Closes June 25. Contact: Jannette Black at 544-8660.

MS04C0152, AST, Liquid Propulsion System, GS-0861-14, Space Transportation Directorate. Closes June 25.

Announcements

Center Operations redesigns Web site; products easier to get

Center Operations Directorate has redesigned its Web site to make it easier for customers to obtain products and services from the directorate. A single portal now provides easy access for placing an order, obtaining additional information about a particular service, and viewing products and services provided by the directorate. The newly designed site is: <http://co.msfc.nasa.gov/> or access it from "Inside Marshall." For more information, call Charlotte Schrimsher at 544-3009 or John Nebrig at 544-6934.

New procedures for Facilities Work Request in effect

In accordance with MPG 8812.1B, the Facilities Engineering Department will only accept a Facilities Work Request (Form 199) when authorized in writing at a group lead level or above. For more information, call Nell Clemmons at 544-7845 or see "Inside Marshall."

New form, address for NASA Safety Reporting System

NASA Headquarters has released a new form and mailing address for use with the NASA Safety Reporting System. The system is a way for Marshall and other Agency team members to report unsafe acts or concerns. The new mailing address is NSRS, P.O. Box 5826, Bethesda, MD 20824. An electronic form is available at <http://www.hq.nasa.gov/nsrs>.

Management Operations Office Retirees to meet Thursday

The Management Operations Office retirees will meet at 10 a.m. Thursday, at the Cracker Barrel Restaurant in Madison. For more information, call 539-0042.

Team Redstone advance planning briefing set for July 13-14

The 2004 Team Redstone Advance Planning Briefing for Industry (APBI) will be held July 13-14, 2004, at the U.S. Army Aviation and Missile Command, Bob Jones Auditorium, on Redstone Arsenal.

This briefing is a continuing effort to keep industry informed of the U.S. Army's long-range technology development objectives and contractual opportunities. This year's conference theme is "Rapid Reaction to Battlefield Requirements Today & Tomorrow."

Register online at <http://apbi.redstone.army.mil>. Mail registrations to: APBI, c/o HDC, LLC, 120 Holmes Ave., Suite 304A, Huntsville, AL. 35801; or fax to 519-6667.

Remote access number changes

The Marshall Center remote access local dial-in number will change June 30 to 961-0722. Marshall team members should update their current computer settings to reflect this change by opening the local dial-in connection. Then, select properties, select the phone number field and change it to 961-0722. Click okay to complete the update. For more information call, ODIN at 4-HELP, option 7.

Shuttle Buddies to meet Monday

The Shuttle Buddies will meet at 9 a.m. Monday at Mullins Restaurant on Andrew Jackson Way in Huntsville. For more information, call Deemer Self at 881-7757.

MARS Golf League hosts event

The MARS Golf League is hosting a tournament Saturday at the Huntsville Municipal Golf Course. Two-person teams with the best score will win. MARS Golf League is open to NASA employees and retirees, on-site contractors, and dependents. For more information, call Lee Foster at 544-1589 or Robert Rutherford at 544-8117.

Washington, D.C., bans cell phones by motorists

A new Washington, D.C., law bans motorists from using hand-held cell phones while driving. If ticketed, drivers could be fined \$100 and levied one point against their license. This law becomes effective July 1 and applies to all drivers in D.C., regardless of which city they reside.

International shipments must clear U.S. Customs Service

All international shipments to the Marshall Center must be cleared through the U.S. Customs Service, Huntsville Port of Entry. The Transportation and Logistics Engineering Group is the center's point of contact for the Customs Service and will make all customs clearances. For more information, call Nancy J. Spears at 544-7561 or see "Inside Marshall."

Drive your Corvette to work Friday, convoy to Sonic

Friday is National Drive Your Corvette to Work Day. Marshall team members are invited to join other Corvette owners at 11 a.m. Friday in front of Bldg. 4663, on the corner of Martin and Dodd roads. The convoy will then cruise to the Sonic Drive-in on South Parkway for lunch. For information, call Will Kirby at 961-4439.

Annual ski week is Feb. 5-12 at Park City Resort

The 14th Annual NASA Ski Week will be Feb. 5-12, 2005, at Park City Resort in Utah, near Salt Lake City. Skiers and riders from seven NASA centers will gather at this Olympic-sized, triple-resort-area for camaraderie and winter sports. All Marshall team members, retirees, spouses, and dependents are eligible to participate. For information, call Tom Dollman at 233-0705 or e-mail him at tom.dollman@nasa.gov. Use "NASA ski week" in the subject line.

Classified Ads

Miscellaneous

- ★ Riveria Pontoon boat w/trailer, 7-HP Evinrude motor, trolling motor, depth finder, \$2,300. 852-7887
- ★ Desk, \$25; computer desk, \$45; exercise bike, \$50; Nordic Track, \$50; vacuum cleaner, \$25. 534-0939
- ★ 1940's school desk, refinished, unusual style, \$65. 837-1774
- ★ Cell phones: Sprint PCS, clamshell Samsung, color phone, \$35; Nokia-N-Game w/6 games, \$100. 658-5855
- ★ La-Z-Boy recliner, light blue w/woven stripe, \$50. 881-5642
- ★ Dark wood table w/two leaves, 6 chairs, china cabinet, \$350. 837-0656
- ★ Complete 4-bolt main 350 cu. inch GM engine, 30K miles, purchased Oct. 2001, \$1,400. 256-498-3194
- ★ Murray 12.5HP riding mower, 38" cut, \$550. 256-778-8893 after 5 p.m.
- ★ Lateral thigh trainer, new, box opened, \$80. 256-961-4679
- ★ White German Shepherd puppy, 7 weeks, female. 256-990-1626
- ★ Fine china, Royal Doulton "Andover", 36 pieces new, \$800 firm. 536-8692
- ★ Maple bedroom suite, 4 piece set, full or queen, make offer. 539-0760
- ★ Small Kenmore freezer, \$25; Craftsman 16" variable speed scroll saw and rotary tool, \$40. 232-8311
- ★ 1977 Avion travel trailer, 27', \$3,800. 931-427-2059
- ★ Two tickets, floor seats near stage, American Idols Live Tour, Nashville, Aug. 14, \$150. 837-7334
- ★ 2000 Mallard 24' camper trailer, sleeps 6, a/c, heater, queen bed, \$9,500. 882-9176
- ★ Four B420 Bridgestone tires, P215/70R15, \$125. 256-881-6955
- ★ Contemporary taupe micro-fiber couch, loveseat, La-Z-Boy, coffee & two end tables, \$400. 881-6419

- ★ Full-sized wooden high chair, manufactured by Hedstrom/Oak Hill, old, never used, \$45. 881-7991
- ★ Hoover Floormate, vacuums, washes, & dries ceramic tile, laminate, and wood floors, \$100. 430-3413
- ★ Charleston Lenox china, new, 12 place settings, \$2,000. 256-355-0508
- ★ Pennsylvania House sofa, \$300. 830-6584
- ★ Craftsman 10" radial arm saw w/base cabinet and accessories, \$225. 881-2272
- ★ Paintball gun, Spyder Extra, \$50. 379-3606
- ★ Mikasa Calla Lily china, nine place settings, extra pieces, \$75. 881-5378
- ★ Proform CrossWalk 345S treadmill, 5-months old, 16'x45", 2hp, power incline, pulse monitor, \$250. 652-0227
- ★ Tow dolly, steerable, \$950; New Holland skid loader, 3 attachments, removable track, \$9,000. 931-363-8217
- ★ Two 2-chamber flow master mufflers, \$120. 256-572-1197
- ★ Glock 9MM pistol w/high capacity clips, \$525. 256-586-7525/Patti
- ★ Boss RC-20 Loop Station phrase sampling pedal w/reverse for guitar, bass, vocals, keyboards. \$180. 306-0700.

Vehicles

- ★ 1996 Volvo 850-GLT, loaded, leather, white, 32mpg, never wrecked, garaged, \$7,650. 256-509-5340
- ★ 1995 Toyota Corolla, manual transmission, blue, 77K miles, \$4,000. 256-890-2120
- ★ 1995 Ford Explorer Sport, 2-door, 2wd, v.0/V6, 5-speed manual, 145K miles, \$3,000. 430-1819
- ★ 2000 Toyota Corolla S, black, a/c,

- automatic, 97K miles, 30 highway mpg, \$7,434. 256-426-2516
- ★ 1996 Buick Park Avenue, 98K miles, leather interior, automatic, keyless entry, \$4,900. 256-883-7035
- ★ 2000 Hyundai Sonata GLS, V6, 52K miles, leather, power windows/doors/seats/mirrors, \$10,800. 883-9436
- ★ 2004 Dodge Dakota SXT, quad-cab, V6, 6K miles, CD player, navy blue, \$18,000. 348-4801
- ★ 1975 Ford F100 truck, long bed, power brakes, engine problem, \$500. 256-772-0430
- ★ 1996 Ford Ranger XLT, Supercab, teal, 4L/V6, 5-speed, a/c, loaded, 100K miles, \$5,800. 256-232-1644
- ★ 1989 Buick LaSabre, auto., pw/ps/pb, gray, 186K miles, \$700. 468-9219
- ★ 1988 Bonneville Pontiac, 149K miles, burgundy, V6, \$850. 837-4403
- ★ 1994 Chevy Silverado, ext. cab, 5.7L/V8, pw/pl, auto, tow package, 147K miles, \$6,300. 256-830-8314
- ★ 2001 Toyota Corolla S, black, auto, all-power, a/c, 97K miles, 39mpg highway, \$7,434. 256-426-2516
- ★ 1990 Lincoln Towncar, 85K miles, garaged, a/c, new Michelins, needs electric window repair, \$1,650 firm. 753-2278
- ★ 2000 Oldsmobile Alero, 2-door coupe, blue, all-power, AT, AC, cruise, ABS, 57K miles, \$7,495. 828-5550
- ★ 1995 Miata, original owner, 81K miles, montego blue, glass rear window, ground effects, \$5,800. 837-8020
- ★ 1999 GMC Suburban SLE, pewter, 4wd, warranty, towing package, 87K miles, rear heat/ac, CD, \$14,000. 722-8116

Wanted

- ★ Ride to work, near Huntsville Hospital, 7 a.m.-3:30 p.m., \$7 per day. 533-6980
- ★ Small flat top wood doghouse. 256-653-9331

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